
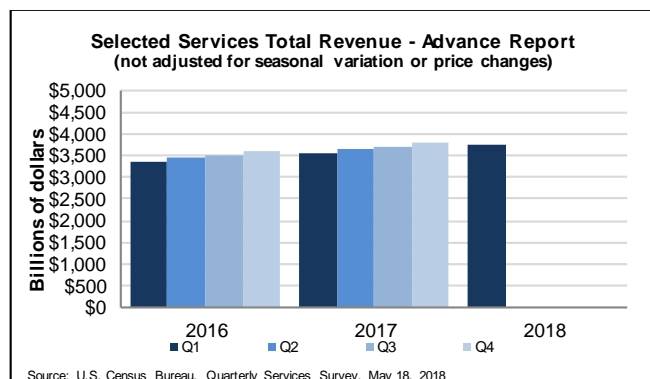


QUARTERLY SELECTED SERVICES ESTIMATES, FIRST QUARTER 2018 – ADVANCE REPORT

Release Number: CB18-79

May 18, 2018 — The U.S. Census Bureau announced the following selected services estimates for the first calendar quarter of 2018:

 SELECTED SERVICES TOTAL REVENUE – ADVANCE REPORT		
1Q 2018	\$3,750.1 billion	-1.1 %
4Q 2017 (revised)	\$3,793.7 billion	+2.4 %
Next release: June 7, 2018		
<small>Data are not adjusted for seasonality or price changes. Source: U.S. Census Bureau, Quarterly Services Survey, May 18, 2018</small>		



Selected Services Total

Advance U.S. selected services total revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$3,750.1 billion, a decrease of 1.1 percent (± 0.4 percent) from the fourth quarter of 2017 and up 5.3 percent (± 0.6 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of 2.2 percent (± 0.2 percent) to 2.4 percent (± 0.4 percent).

Utilities

Advance U.S. utilities revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$157.4 billion, an increase of 9.1 percent (± 1.9 percent) from the fourth quarter of 2017 and up 5.1 percent (± 0.8 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of -7.6 percent (± 2.7 percent) to -8.1 percent (± 2.7 percent).

Transportation and warehousing

Advance U.S. transportation and warehousing revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$224.9 billion, a decrease of 2.0 percent (± 1.1 percent) from the fourth quarter of 2017 and up 5.0 percent (± 0.8 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of -1.2 percent (± 1.1 percent) to -1.1 percent (± 1.1 percent)*.

Information

Advance U.S. information sector revenue for the first quarter of 2018, not adjusted for seasonal variation or

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price changes, was \$407.2 billion, a decrease of 4.0 percent (± 0.8 percent) from the fourth quarter of 2017 and up 7.0 percent (± 0.9 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of 7.9 percent (± 0.6 percent) to 8.0 percent (± 0.6 percent).

Finance and insurance

Advance U.S. finance and insurance revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$1,194.0 billion, an increase of 2.2 percent (± 0.6 percent) from the fourth quarter of 2017 and up 7.7 percent (± 0.8 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of 2.0 percent (± 0.8 percent) to 2.2 percent (± 0.8 percent).

Real estate and rental and leasing

Advance U.S. real estate and rental and leasing revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$164.9 billion, a decrease of 5.8 percent (± 0.9 percent) from the fourth quarter of 2017 and up 5.1 percent (± 1.7 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of 1.2 percent (± 1.1 percent) to 1.7 percent (± 0.9 percent).

Professional, scientific, and technical services

Advance U.S. professional, scientific, and technical services revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$445.2 billion, a decrease of 1.9 percent (± 1.3 percent) from the fourth quarter of 2017 and up 3.3 percent (± 1.5 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of 3.9 percent (± 1.1 percent) to 4.3 percent (± 1.1 percent).

Administrative and support and waste management and remediation services

Advance U.S. administrative and support and waste management and remediation services revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$237.1 billion, a decrease of 2.2 percent (± 0.8 percent) from the fourth quarter of 2017 and up 4.4 percent (± 1.9 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of -0.2 percent (± 1.1 percent)* to 0.0 percent (± 1.3 percent)*.

Educational services

Advance U.S. educational services revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$16.9 billion, virtually unchanged (± 4.2 percent)* from the fourth quarter of 2017 and up 3.8 percent (± 4.5 percent)* from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of -0.8 percent (± 3.4 percent)* to -0.5 percent (± 3.6 percent)*.

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Health care and social assistance

Advance U.S. health care and social assistance revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$645.4 billion, a decrease of 0.9 percent (± 0.4 percent) from the fourth quarter of 2017 and up 3.5 percent (± 1.1 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of 3.3 percent (± 0.6 percent) to 3.5 percent (± 0.6 percent).

Arts, entertainment, and recreation

Advance U.S. arts, entertainment, and recreation revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$61.7 billion, a decrease of 10.9 percent (± 2.3 percent) from the fourth quarter of 2017 and up 2.9 percent (± 4.2 percent)* from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of -4.8 percent (± 2.7 percent) to -4.8 percent (± 2.8 percent).

Accommodation

Advance U.S. accommodation revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$58.7 billion, a decrease of 1.7 percent (± 0.9 percent) from the fourth quarter of 2017 and down 2.9 percent (± 2.3 percent) from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of -11.9 percent (± 1.3 percent) to -11.9 percent (± 1.1 percent).

Other services (except public administration)

Advance U.S. other services (except public administration) revenue for the first quarter of 2018, not adjusted for seasonal variation or price changes, was \$136.7 billion, a decrease of 13.9 percent (± 4.5 percent) from the fourth quarter of 2017 and up 2.5 percent (± 4.5 percent)* from the first quarter of 2017. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the preliminary estimate of 11.0 percent (± 5.9 percent) to 11.4 percent (± 5.9 percent).

GENERAL INFORMATION

Advance Report Details

The Advance Quarterly Services Report contains current quarter not seasonally adjusted estimates of revenue for a subset of industries found in the Full Quarterly Services Report. In addition, prior quarter not seasonally adjusted estimates for all items and industry levels have been revised and are available here www.census.gov/econ/currentdata/. Seasonally adjusted quarterly services estimates have not been revised with this release. For more information on the Advance Quarterly Services Report, please visit www.census.gov/services/qss/advance_services_faqs/.

Upcoming Benchmarking

Effective with the February 2019 release for the fourth quarter of 2018, quarterly services estimates will be

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revised based on the results of the 2017 Service Annual Survey.

Release Schedule

The first quarter 2018 Quarterly Services Report is scheduled for release on June 7, 2018, at 10:00 A.M.

View the full schedule in the Economic Briefing Room: <www.census.gov/economic-indicators/>.

Additional industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at <www.census.gov/services/>.

RESOURCES

API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

<www.census.gov/developers/>

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<https://fred.stlouisfed.org/fred-mobile/>> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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Table A1. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)				Percent change		
		1Q 2018 (a)	4Q 2017 (r)	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	1Q 2017 from 4Q 2016	1Q 2018 from 1Q 2017 (a)
	Selected Services Total²	3,750,118	3,793,685	3,561,457	3,606,206	-1.1	-1.2	5.3
22	Utilities³	157,426	144,325	149,842	140,851	9.1	6.4	5.1
48-49	Transportation and warehousing⁴	224,866	229,542	214,154	222,706	-2.0	-3.8	5.0
481	Air transportation	47,870	49,306	45,822	48,559	-2.9	-5.6	4.5
483	Water transportation	10,719	11,142	10,006	10,490	-3.8	-4.6	7.1
484	Truck transportation	66,401	66,785	62,497	64,687	-0.6	-3.4	6.2
485	Transit and ground passenger transportation	9,211	9,656	9,286	9,549	-4.6	-2.8	-0.8
488	Support activities for transportation	45,595	45,835	44,660	45,906	-0.5	-2.7	2.1
492	Couriers and messengers	22,661	23,727	20,939	22,508	-4.5	-7.0	8.2
493	Warehousing and storage	9,250	9,736	8,780	8,596	-5.0	2.1	5.4
51	Information	407,160	424,086	380,588	398,000	-4.0	-4.4	7.0
511	Publishing industries (except Internet)	84,942	89,512	76,561	83,812	-5.1	-8.7	10.9
5112	Software publishers	64,215	64,854	55,644	59,929	-1.0	-7.2	15.4
512	Motion picture and sound recording industries	27,965	28,106	27,167	27,457	-0.5	-1.1	2.9
517	Telecommunications	159,691	165,097	157,136	162,849	-3.3	-3.5	1.6
5171	Wired telecommunications carriers	81,792	83,320	81,964	82,976	-1.8	-1.2	-0.2
5172	Wireless telecommunications carriers (except satellite)	65,682	69,814	64,102	68,690	-5.9	-6.7	2.5
518	Data processing, hosting, and related services	43,416	44,251	37,309	37,752	-1.9	-1.2	16.4
519	Other information services	48,608	52,839	43,006	43,289	-8.0	-0.7	13.0
52	Finance and insurance⁵	1,193,990	1,168,395	1,108,194	1,095,295	2.2	1.2	7.7
522	Credit intermediation and related activities	322,918	318,489	295,779	296,296	1.4	-0.2	9.2
524	Insurance carriers and related activities	661,554	649,503	619,459	617,337	1.9	0.3	6.8
53	Real estate and rental and leasing	164,904	175,042	156,908	163,508	-5.8	-4.0	5.1
531	Real estate	113,993	120,940	109,704	113,372	-5.7	-3.2	3.9
532	Rental and leasing services	40,653	42,152	37,679	38,886	-3.6	-3.1	7.9
54	Professional, scientific, and technical services⁶	445,231	453,819	430,853	446,178	-1.9	-3.4	3.3
5411	Legal services	67,536	83,808	65,213	82,632	-19.4	-21.1	3.6
5412	Accounting, tax preparation, bookkeeping, and payroll services	53,209	38,405	51,625	37,051	38.5	39.3	3.1
5413	Architectural, engineering, and related services	77,865	75,059	73,986	77,270	3.7	-4.3	5.2
5415	Computer systems design and related services	95,720	97,025	93,045	93,813	-1.3	-0.8	2.9
5416	Management, scientific, and technical consulting services	66,650	69,324	63,475	65,449	-3.9	-3.0	5.0
5418	Advertising, public relations, and related services	25,393	28,113	25,815	27,017	-9.7	-4.4	-1.6
56	Administrative and support and waste management and remediation services	237,083	242,518	227,159	227,239	-2.2	Z	4.4
561	Administrative and support services	213,964	218,782	204,693	203,751	-2.2	0.5	4.5
562	Waste management and remediation services	23,119	23,736	22,466	23,488	-2.6	-4.4	2.9
61	Educational services⁷	16,939	16,933	16,317	15,725	Z	3.8	3.8
62	Health care and social assistance	645,429	651,331	623,667	626,547	-0.9	-0.5	3.5
	Health care and social assistance - taxable	321,599	321,490	306,915	307,206	Z	-0.1	4.8
	Health care and social assistance - tax-exempt	323,830	329,841	316,752	319,341	-1.8	-0.8	2.2
621	Ambulatory health care services	258,755	259,209	246,744	247,601	-0.2	-0.3	4.9
	Ambulatory health care services - taxable	233,843	233,960	222,982	223,861	-0.1	-0.4	4.9
	Ambulatory health care services - tax-exempt	24,912	25,249	23,762	23,740	-1.3	0.1	4.8
6211	Offices of physicians	126,625	127,996	119,725	122,967	-1.1	-2.6	5.8
6214	Outpatient care centers	34,709	35,197	33,502	33,610	-1.4	-0.3	3.6
6215	Medical and diagnostic laboratories	12,521	12,862	12,319	12,418	-2.7	-0.8	1.6
6219	Other ambulatory health care services	9,465	9,469	8,729	8,766	Z	-0.4	8.4
622	Hospitals	280,951	281,243	273,088	272,226	-0.1	0.3	2.9
	Hospitals - taxable	32,833	32,701	32,471	31,730	0.4	2.3	1.1
	Hospitals - tax-exempt	248,118	248,542	240,617	240,496	-0.2	0.1	3.1
623	Nursing and residential care facilities	60,023	61,992	58,472	59,831	-3.2	-2.3	2.7
	Nursing and residential care facilities - taxable	39,688	40,309	37,792	38,397	-1.5	-1.6	5.0
	Nursing and residential care facilities - tax-exempt	20,335	21,683	20,680	21,434	-6.2	-3.5	-1.7
624	Social assistance	45,700	48,887	45,363	46,889	-6.5	-3.3	0.7
71	Arts, entertainment, and recreation	61,733	69,277	59,994	66,826	-10.9	-10.2	2.9
711	Performing arts, spectator sports, and related industries	24,896	33,308	25,261	32,321	-25.3	-21.8	-1.4
712	Museums, historical sites, and similar institutions	3,105	4,245	3,427	4,202	-26.9	-18.4	-9.4
713	Amusement, gambling, and recreation industries	33,732	31,724	31,306	30,303	6.3	3.3	7.7
721	Accommodation	58,659	59,671	60,412	59,277	-1.7	1.9	-2.9
81	Other services (except public administration)⁸	136,698	158,746	133,369	144,054	-13.9	-7.4	2.5
811	Repair and maintenance	45,406	44,934	42,540	41,900	1.1	1.5	6.7
812	Personal and laundry services	27,473	28,100	26,747	27,207	-2.2	-1.7	2.7

Table A1. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)				Percent change		
		1Q 2018 (a)	4Q 2017 (r)	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	1Q 2017 from 4Q 2016	1Q 2018 from 1Q 2017 (a)

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 5, 6, 7, and 8 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(6) Excludes NAICS 54112 (Offices of notaries).

(7) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(8) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table A2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table A2. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.
For additional information see www.census.gov/services]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue				Standard error for percent change		
		1Q 2018 (a)	4Q 2017 (r)	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	1Q 2017 from 4Q 2016	1Q 2018 from 1Q 2017 (a)
	Selected Services Total	0.9	0.8	1.4	1.4	0.2	0.3	0.3
22	Utilities	1.6	2.2	4.1	4.2	1.0	0.5	0.4
48-49	Transportation and warehousing	2.0	1.6	2.5	2.6	0.6	0.7	0.4
481	Air transportation	1.9	1.7	2.9	3.8	0.5	2.8	1.7
483	Water transportation	8.8	7.8	2.8	3.2	1.0	0.7	1.3
484	Truck transportation	5.5	4.1	6.9	7.6	1.5	1.0	1.2
485	Transit and ground passenger transportation	3.2	2.5	6.5	6.2	1.2	1.1	1.5
488	Support activities for transportation	4.0	3.6	6.4	6.5	0.8	0.3	2.0
492	Couriers and messengers	3.1	3.5	1.7	1.6	1.0	0.2	2.3
493	Warehousing and storage	6.4	5.7	6.3	6.8	1.3	1.8	1.6
51	Information	1.4	1.5	1.3	1.3	0.4	0.1	0.5
511	Publishing industries (except Internet)	2.7	2.9	5.5	5.3	0.4	0.6	1.3
5112	Software publishers	3.2	3.6	7.2	6.9	0.7	0.7	1.6
512	Motion picture and sound recording industries	1.3	0.8	3.4	4.0	1.1	1.4	0.8
517	Telecommunications	1.4	1.4	1.7	1.7	0.1	0.3	0.7
5171	Wired telecommunications carriers	2.1	2.1	3.4	3.2	0.2	0.2	0.7
5172	Wireless telecommunications carriers (except satellite)	2.4	1.9	2.4	2.6	0.6	0.6	2.1
518	Data processing, hosting, and related services	3.2	3.2	3.4	3.4	0.8	0.3	1.5
519	Other information services	4.5	5.2	4.5	3.6	1.6	1.3	2.3
52	Finance and insurance	2.1	1.8	4.7	5.3	0.3	0.9	0.4
522	Credit intermediation and related activities	2.0	1.9	4.2	4.5	0.3	0.3	0.7
524	Insurance carriers and related activities	2.6	2.2	7.1	8.0	0.5	1.7	0.7
53	Real estate and rental and leasing	1.7	1.6	4.7	4.8	0.5	0.6	0.9
531	Real estate	2.8	2.6	6.3	6.5	0.7	0.8	1.2
532	Rental and leasing services	2.7	3.0	4.4	4.6	0.8	1.0	1.3
54	Professional, scientific, and technical services	1.8	1.9	1.6	2.1	0.7	0.7	0.8
5411	Legal services	3.7	3.9	3.1	3.7	2.1	1.2	1.6
5412	Accounting, tax preparation, bookkeeping, and payroll services	1.2	2.9	3.4	4.4	3.0	2.5	1.3
5413	Architectural, engineering, and related services	3.5	3.4	4.1	5.5	1.6	1.9	2.1
5415	Computer systems design and related services	1.1	1.8	6.1	5.9	1.1	0.7	1.9
5416	Management, scientific, and technical consulting services	3.9	4.1	5.6	5.4	0.9	1.1	1.7
5418	Advertising, public relations, and related services	2.2	1.6	3.6	3.4	0.9	0.7	1.0
56	Administrative and support and waste management and remediation services	2.3	2.4	1.3	1.3	0.4	0.8	1.0
561	Administrative and support services	2.5	2.6	1.8	1.9	0.4	0.9	1.0
562	Waste management and remediation services	2.0	2.3	3.7	4.0	0.9	0.9	1.4
61	Educational services	4.2	2.8	5.7	5.2	2.2	1.1	2.4
62	Health care and social assistance	1.5	1.3	2.2	1.9	0.2	0.8	0.6
	Health care and social assistance - taxable	1.8	1.6	2.6	2.5	0.3	0.5	0.9
	Health care and social assistance - tax-exempt	1.9	1.7	2.9	2.9	0.3	1.4	0.3
621	Ambulatory health care services	1.5	1.3	2.1	2.0	0.2	0.5	1.0
	Ambulatory health care services - taxable	1.6	1.4	2.6	2.4	0.3	0.5	1.0
	Ambulatory health care services - tax-exempt	5.2	5.4	4.1	4.5	0.5	0.7	1.3
6211	Offices of physicians	2.6	2.4	5.8	5.4	0.5	1.1	1.4
6214	Outpatient care centers	3.0	3.4	3.6	4.2	0.8	1.1	1.0
6215	Medical and diagnostic laboratories	3.9	3.6	4.1	4.1	1.1	0.8	2.2
6219	Other ambulatory health care services	4.1	4.0	5.4	5.7	1.1	0.5	1.2
622	Hospitals	2.7	2.4	3.8	3.7	0.4	1.7	0.3
	Hospitals - taxable	9.4	9.3	10.4	10.6	0.1	1.5	0.4
	Hospitals - tax-exempt	2.4	2.2	3.7	4.0	0.4	1.8	0.4
623	Nursing and residential care facilities	2.0	1.8	4.5	4.6	0.5	0.7	1.1
	Nursing and residential care facilities - taxable	1.7	1.6	6.0	6.3	0.9	0.9	1.6
	Nursing and residential care facilities - tax-exempt	3.5	3.8	2.6	2.6	0.8	0.5	1.6
624	Social assistance	2.5	2.2	3.3	3.0	1.1	0.7	1.7
71	Arts, entertainment, and recreation	2.9	2.6	3.0	3.6	1.2	1.1	2.2
711	Performing arts, spectator sports, and related industries	4.5	2.3	3.7	3.8	2.5	2.2	2.2
712	Museums, historical sites, and similar institutions	6.7	8.6	6.3	5.4	3.0	4.0	5.3
713	Amusement, gambling, and recreation industries	5.5	5.1	5.7	5.3	0.7	1.3	2.8
721	Accommodation	1.2	1.4	2.9	3.5	0.5	1.0	1.2
81	Other services (except public administration)	3.9	2.6	2.3	2.4	2.4	1.1	2.4
811	Repair and maintenance	4.1	4.1	5.0	4.4	0.6	1.6	1.7
812	Personal and laundry services	2.4	2.7	4.2	4.1	1.1	0.5	1.6

Table A2. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue				Standard error for percent change		
		1Q 2018 (a)	4Q 2017 (r)	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	1Q 2017 from 4Q 2016	1Q 2018 from 1Q 2017 (a)

(a) Advance estimate. (r) Revised estimate.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Standard errors for percent changes that include estimates prior to Q1 2017 may be larger than those previously published because the estimated totals used to produce the percent changes are derived from different samples. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at www.census.gov/services/qss/cv/html.

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2018 (a)	4Q 2017 (r)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	4Q 2017 from 3Q 2017 (r)	1Q 2018 from 1Q 2017 (a)	4Q 2017 from 4Q 2016 (r)	2018 (a)	2017	2018 from 2017 (a)
	Selected Services Total ²	3,750,118	3,793,685	3,704,477	3,667,361	3,561,457	3,606,206	-1.1	2.4	5.3	5.2	3,750,118	3,561,457	5.3
22	Utilities ³	157,426	144,325	156,994	138,066	149,842	140,851	9.1	-8.1	5.1	2.5	157,426	149,842	5.1
2211	Electric power generation, transmission and distribution	X	109,284	134,196	113,059	110,521	110,237	X	-18.6	X	-0.9	X	110,521	X
2212	Natural gas distribution	X	31,332	18,472	21,352	36,018	27,037	X	69.6	X	15.9	X	36,018	X
2213	Water, sewage and other systems	X	3,709	4,326	3,655	3,303	3,577	X	-14.3	X	3.7	X	3,303	X
48-49	Transportation and warehousing ⁴	224,866	229,542	232,174	231,425	214,154	222,706	-2.0	-1.1	5.0	3.1	224,866	214,154	5.0
481	Air transportation	47,870	49,306	52,351	52,592	45,822	48,559	-2.9	-5.8	4.5	1.5	47,870	45,822	4.5
483	Water transportation	10,719	11,142	12,968	10,664	10,006	10,490	-3.8	-14.1	7.1	6.2	10,719	10,006	7.1
4831	Deep sea, coastal, and Great Lakes water transportation	X	9,171	11,012	8,831	8,102	8,433	X	-16.7	X	8.8	X	8,102	X
4832	Inland water transportation	X	1,971	1,956	1,833	1,904	2,057	X	0.8	X	-4.2	X	1,904	X
484	Truck transportation	66,401	66,785	69,168	68,512	62,497	64,687	-0.6	-3.4	6.2	3.2	66,401	62,497	6.2
4841	General freight trucking	X	43,255	44,067	43,470	40,501	42,102	X	-1.8	X	2.7	X	40,501	X
48412	General freight trucking, long-distance	X	36,903	37,112	36,142	33,879	35,631	X	-0.6	X	3.6	X	33,879	X
4842	Specialized freight trucking	X	23,530	25,101	25,042	21,996	22,585	X	-6.3	X	4.2	X	21,996	X
485	Transit and ground passenger transportation	9,211	9,656	8,522	9,826	9,286	9,549	-4.6	13.3	-0.8	1.1	9,211	9,286	-0.8
486	Pipeline transportation	X	12,522	11,319	11,098	11,620	11,683	X	10.6	X	7.2	X	11,620	X
487	Scenic and sightseeing transportation	X	833	1,742	1,077	544	728	X	-52.2	X	14.4	X	544	X
488	Support activities for transportation	45,595	45,835	45,439	47,036	44,660	45,906	-0.5	0.9	2.1	-0.2	45,595	44,660	2.1
492	Couriers and messengers	22,661	23,727	21,334	21,410	20,939	22,508	-4.5	11.2	8.2	5.4	22,661	20,939	8.2
493	Warehousing and storage	9,250	9,736	9,331	9,210	8,780	8,596	-5.0	4.3	5.4	13.3	9,250	8,780	5.4
51	Information	407,160	424,086	392,767	388,358	380,588	398,000	-4.0	8.0	7.0	6.6	407,160	380,588	7.0
511	Publishing industries (except Internet)	84,942	89,512	81,595	80,539	76,561	83,812	-5.1	9.7	10.9	6.8	84,942	76,561	10.9
51111	Newspaper publishers	X	6,640	5,819	6,016	5,847	6,664	X	14.1	X	-0.4	X	5,847	X
51112	Periodical publishers	X	7,164	6,893	7,036	6,523	7,444	X	3.9	X	-3.8	X	6,523	X
5111 pt	Book, directory and mailing list, and other publishers ⁵	X	10,854	11,161	9,963	8,547	9,775	X	-2.8	X	11.0	X	8,547	X
5112	Software publishers	64,215	64,854	57,722	57,524	55,644	59,929	-1.0	12.4	15.4	8.2	64,215	55,644	15.4
512	Motion picture and sound recording industries	27,965	28,106	25,492	25,726	27,167	27,457	-0.5	10.3	2.9	2.4	27,965	27,167	2.9
515	Broadcasting (except Internet)	X	44,281	38,915	39,868	39,409	42,841	X	13.8	X	3.4	X	39,409	X
5151	Radio and television broadcasting	X	21,628	18,021	18,807	18,577	21,480	X	20.0	X	0.7	X	18,577	X
5152	Cable and other subscription programming	X	22,653	20,894	21,061	20,832	21,361	X	8.4	X	6.0	X	20,832	X
517	Telecommunications	159,691	165,097	159,801	158,897	157,136	162,849	-3.3	3.3	1.6	1.4	159,691	157,136	1.6
5171	Wired telecommunications carriers	81,792	83,320	82,619	82,639	81,964	82,976	-1.8	0.8	-0.2	0.4	81,792	81,964	-0.2
5172	Wireless telecommunications carriers (except satellite)	65,682	69,814	65,398	64,955	64,102	68,690	-5.9	6.8	2.5	1.6	65,682	64,102	2.5
517 pt	Other telecommunications ⁶	X	11,963	11,784	11,303	11,070	11,183	X	1.5	X	7.0	X	11,070	X
518	Data processing, hosting, and related services	43,416	44,251	40,977	39,029	37,309	37,752	-1.9	8.0	16.4	17.2	43,416	37,309	16.4
519	Other information services	48,608	52,839	45,987	44,299	43,006	43,289	-8.0	14.9	13.0	22.1	48,608	43,006	13.0
52	Finance and insurance ⁷	1,193,990	1,168,395	1,143,556	1,134,023	1,108,194	1,095,295	2.2	2.2	7.7	6.7	1,193,990	1,108,194	7.7
52 pt	Finance and insurance (except monetary authorities-central bank) ⁸	X	1,139,230	1,115,132	1,104,004	1,079,037	1,070,247	X	2.2	X	6.4	X	1,079,037	X
521	Monetary authorities-central bank	X	29,165	28,424	30,019	29,157	25,048	X	2.6	X	16.4	X	29,157	X
522	Credit intermediation and related activities	322,918	318,489	313,348	306,019	295,779	296,296	1.4	1.6	9.2	7.5	322,918	295,779	9.2
5221	Depository credit intermediation	X	147,116	143,354	139,864	133,415	133,995	X	2.6	X	9.8	X	133,415	X
5222	Nondepository credit intermediation	X	144,722	144,518	140,740	138,014	137,792	X	0.1	X	5.0	X	138,014	X
5223	Activities related to credit intermediation	X	26,651	25,476	25,415	24,350	24,509	X	4.6	X	8.7	X	24,350	X
523	Securities, commodity contracts, and other financial investments and related activities	X	171,238	164,473	163,086	163,799	156,614	X	4.1	X	9.3	X	163,799	X
5231	Securities and commodity contracts intermediation and brokerage	X	72,774	72,321	72,866	74,330	68,436	X	0.6	X	6.3	X	74,330	X
5232	Securities and commodity exchanges	X	3,044	2,997	3,127	3,116	2,906	X	1.6	X	4.7	X	3,116	X
5239	Other financial investment activities	X	95,420	89,155	87,093	86,353	85,272	X	7.0	X	11.9	X	86,353	X
524	Insurance carriers and related activities	661,554	649,503	637,311	634,899	619,459	617,337	1.9	1.9	6.8	5.2	661,554	619,459	6.8
5241	Insurance carriers	X	555,702	546,717	545,809	531,335	530,571	X	1.6	X	4.7	X	531,335	X
5242	Agencies, brokerages, and other insurance related activities	X	93,801	90,594	89,090	88,124	86,766	X	3.5	X	8.1	X	88,124	X
53	Real estate and rental and leasing	164,904	175,042	172,036	170,428	156,908	163,508	-5.8	1.7	5.1	7.1	164,904	156,908	5.1
531	Real estate	113,993	120,940	119,396	118,963	109,704	113,372	-5.7	1.3	3.9	6.7	113,993	109,704	3.9
5311	Lessors of real estate	X	68,480	66,905	65,915	64,365	64,653	X	2.4	X	5.9	X	64,365	X
5312	Offices of real estate agents and brokers	X	29,009	29,256	30,046	23,316	26,175	X	-0.8	X	10.8	X	23,316	X
5313	Activities related to real estate	X	23,451	23,235	23,002	22,023	22,544	X	0.9	X	4.0	X	22,023	X
532	Rental and leasing services	40,653	42,152	42,029	40,920	37,679	38,886	-3.6	0.3	7.9	8.4	40,653	37,679	7.9
5321	Automotive equipment rental and leasing	X	14,875	15,755	14,598	13,363	14,240	X	-5.6	X	4.5	X	13,363	X
53211	Passenger car rental and leasing	X	9,817	10,616	9,641	8,988	9,551	X	-7.5	X	2.8	X	8,988	X
53212	Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing	X	5,058	5,139	4,957	4,375	4,689	X	-1.6	X	7.9	X	4,375	X
5322	Consumer goods rental	X	5,398	5,623	5,828	5,656	5,503	X	-4.0	X	-1.9	X	5,656	X
5323	General rental centers	X	S	S	S	S	S	X	S	X	S	X	S	X
5324	Commercial and industrial machinery and equipment rental and leasing	X	21,034	19,791	19,687	18,077	18,480	X	6.3	X	13.8	X	18,077	X
533	Lessors of nonfinancial intangible assets (except copyrighted works)	X	11,950	10,611	10,545	9,525	11,250	X	12.6	X	6.2	X	9,525	X
54	Professional, scientific, and technical services ⁹	445,231	453,819	435,083	442,940	430,853	446,178	-1.9	4.3	3.3	1.7	445,231	430,853	3.3
5411	Legal services ⁹	67,536	83,808	71,323	71,889	65,213	82,632	-19.4	17.5	3.6	1.4	67,536	65,213	3.6
5412	Accounting, tax preparation, bookkeeping, and payroll services	53,209	38,405	38,023	47,347	51,625	37,051	38.5	1.0	3.1	3.7	53,209	51,625	3.1
5413	Architectural, engineering, and related services	77,865	75,059	77,260	75,448	73,986	77,270	3.7	-2.8	5.2	-2.9	77,865	73,986	5.2
5413 pt	Architectural and related services ¹⁰	X	15,982	17,031	17,573	17,121	18,136	X	-6.2	X	-11.9	X	17,121	X
54133	Engineering services	X	59,077	60,229	57,875	56,865	59,134	X	-1.9	X	-0.1	X	56,865	X
5414	Specialized design services	X	6,167	5,895	6,202	5,861	6,142	X	4.6	X	0.4	X	5,861	X
5415	Computer systems design and related services	95,720	97,025	95,877	96,681	93,045	93,813	-1.3	1.2	2.9	3.4	95,720	93,045	2.9

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2018 (a)	4Q 2017 (r)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	4Q 2017 from 3Q 2017 (r)	1Q 2018 from 1Q 2017 (a)	4Q 2017 from 4Q 2016 (r)	2018 (a)	2017	2018 from 2017 (a)
5416	Management, scientific, and technical consulting services	66,650	69,324	67,154	64,782	63,475	65,449	-3.9	3.2	5.0	5.9	66,650	63,475	5.0
5417	Scientific research and development services	X	35,631	33,376	33,159	32,408	36,098	X	6.8	X	-1.3	X	32,408	X
5418	Advertising, public relations, and related services	25,393	28,113	26,111	26,654	25,815	27,017	-9.7	7.7	-1.6	4.1	25,393	25,815	-1.6
5419	Other professional, scientific, and technical services	X	20,287	20,064	20,778	19,425	20,706	X	1.1	X	-2.0	X	19,425	X
56	Administrative and support and waste management and remediation services	237,083	242,518	242,443	237,833	227,159	227,239	-2.2	Z	4.4	6.7	237,083	227,159	4.4
561	Administrative and support services	213,964	218,782	217,835	213,519	204,693	203,751	-2.2	0.4	4.5	7.4	213,964	204,693	4.5
5613	Employment services	X	99,790	97,055	93,441	95,318	93,628	X	2.8	X	6.6	X	95,318	X
5615	Travel arrangement and reservation services	X	10,654	12,055	11,361	10,704	10,619	X	-11.6	X	0.3	X	10,704	X
561 pt	Other administrative and support services ¹¹	X	108,338	108,725	108,717	98,671	99,504	X	-0.4	X	8.9	X	98,671	X
562	Waste management and remediation services	23,119	23,736	24,608	24,314	22,466	23,488	-2.6	-3.5	2.9	1.1	23,119	22,466	2.9
61	Educational services ¹²	16,939	16,933	17,010	17,601	16,317	15,725	Z	-0.5	3.8	7.7	16,939	16,317	3.8
6114	Business schools and computer and management training ...	X	3,243	3,377	3,152	3,002	2,940	X	-4.0	X	10.3	X	3,002	X
6115	Technical and trade schools	X	3,545	3,510	3,423	3,439	3,472	X	1.0	X	2.1	X	3,439	X
6116	Other schools and instruction	X	6,457	6,356	S	S	5,934	X	1.6	X	8.8	X	S	X
6117	Educational support services	X	3,688	3,767	4,392	3,539	3,379	X	-2.1	X	9.1	X	3,539	X
62	Health care and social assistance	645,429	651,331	629,339	630,404	623,667	626,547	-0.9	3.5	3.5	4.0	645,429	623,667	3.5
	Health care and social assistance - taxable	321,599	321,490	312,347	312,385	306,915	307,206	Z	2.9	4.8	4.6	321,599	306,915	4.8
	Health care and social assistance - tax-exempt	323,830	329,841	316,992	318,019	316,752	319,341	-1.8	4.1	2.2	3.3	323,830	316,752	2.2
621	Ambulatory health care services	258,755	259,209	252,369	251,942	246,744	247,601	-0.2	2.7	4.9	4.7	258,755	246,744	4.9
	Ambulatory health care services - taxable	233,843	233,960	228,070	228,010	222,982	223,861	-0.1	2.6	4.9	4.5	233,843	222,982	4.9
	Ambulatory health care services - tax-exempt	24,912	25,249	24,299	23,932	23,762	23,740	-1.3	3.9	4.8	6.4	24,912	23,762	4.8
6211	Offices of physicians	126,625	127,996	124,070	122,757	119,725	122,967	-1.1	3.2	5.8	4.1	126,625	119,725	5.8
6212	Offices of dentists	X	30,837	30,888	31,325	S	S	X	-0.2	X	S	X	S	X
6213	Offices of other health practitioners	X	21,871	21,513	S	21,138	20,783	X	1.7	X	5.2	X	21,138	X
6214	Outpatient care centers	34,709	35,197	33,505	33,940	33,502	33,610	-1.4	5.0	3.6	4.7	34,709	33,502	3.6
	Outpatient care centers - taxable	X	18,482	17,707	18,354	17,944	18,208	X	4.4	X	1.5	X	17,944	X
	Outpatient care centers - tax-exempt	X	16,715	15,798	15,586	15,558	15,402	X	5.8	X	8.5	X	15,558	X
6215	Medical and diagnostic laboratories	12,521	12,862	12,549	12,626	12,319	12,418	-2.7	2.5	1.6	3.6	12,521	12,319	1.6
6216	Home health care services	X	20,977	20,309	20,309	19,856	19,919	X	3.3	X	5.3	X	19,856	X
	Home health care services - taxable	X	15,941	15,492	15,471	15,027	14,962	X	2.9	X	6.5	X	15,027	X
	Home health care services - tax-exempt	X	5,036	4,817	4,838	4,829	4,957	X	4.5	X	1.6	X	4,829	X
6219	Other ambulatory health care services	9,465	9,469	9,535	9,093	8,729	8,766	Z	-0.7	8.4	8.0	9,465	8,729	8.4
	Other ambulatory health care services - taxable	X	5,971	5,851	5,585	5,354	5,385	X	2.1	X	10.9	X	5,354	X
	Other ambulatory health care services - tax-exempt	X	3,498	3,684	3,508	3,375	3,381	X	-5.0	X	3.5	X	3,375	X
622	Hospitals	280,951	281,243	272,268	273,259	273,088	272,226	-0.1	3.3	2.9	3.3	280,951	273,088	2.9
	Hospitals - taxable	32,833	32,701	31,585	32,197	32,471	31,730	0.4	3.5	1.1	3.1	32,833	32,471	1.1
	Hospitals - tax-exempt	248,118	248,542	240,683	241,062	240,617	240,496	-0.2	3.3	3.1	3.3	248,118	240,617	3.1
6221	General medical and surgical hospitals	X	262,147	253,491	254,543	254,750	254,118	X	3.4	X	3.2	X	254,750	X
	General medical and surgical hospitals - taxable	X	26,410	25,419	26,065	26,358	25,858	X	3.9	X	2.1	X	26,358	X
	General medical and surgical hospitals - tax-exempt	X	235,737	228,072	228,478	228,392	228,260	X	3.4	X	3.3	X	228,392	X
6222	Psychiatric and substance abuse hospitals	X	6,463	6,167	6,251	6,327	6,304	X	4.8	X	2.5	X	6,327	X
	Psychiatric and substance abuse hospitals - taxable	X	1,783	1,765	1,781	1,741	1,673	X	1.0	X	6.6	X	1,741	X
	Psychiatric and substance abuse hospitals - tax-exempt	X	4,680	4,402	4,470	4,586	4,631	X	6.3	X	1.1	X	4,586	X
6223	Specialty (except psychiatric and substance abuse) hospitals	X	12,633	12,610	12,465	12,011	11,804	X	0.2	X	7.0	X	12,011	X
	Specialty (except psychiatric and substance abuse) hospitals - taxable	X	4,508	4,401	4,351	4,372	4,199	X	2.4	X	7.4	X	4,372	X
	Specialty (except psychiatric and substance abuse) hospitals - tax-exempt	X	8,125	8,209	8,114	7,639	7,605	X	-1.0	X	6.8	X	7,639	X
623	Nursing and residential care facilities	60,023	61,992	60,356	59,028	58,472	59,831	-3.2	2.7	2.7	3.6	60,023	58,472	2.7
	Nursing and residential care facilities - taxable	39,688	40,309	39,221	38,286	37,792	38,397	-1.5	2.8	5.0	5.0	39,688	37,792	5.0
	Nursing and residential care facilities - tax-exempt	20,335	21,683	21,135	20,742	20,680	21,434	-6.2	2.6	-1.7	1.2	20,335	20,680	-1.7
624	Social assistance	45,700	48,887	44,346	46,175	45,363	46,889	-6.5	10.2	0.7	4.3	45,700	45,363	0.7
	Social assistance - taxable	X	14,520	13,471	13,892	13,670	13,218	X	7.8	X	9.9	X	13,670	X
	Social assistance - tax-exempt	X	34,367	30,875	32,283	31,693	33,671	X	11.3	X	2.1	X	31,693	X
6241	Individual and family services	X	24,830	22,848	24,303	23,667	23,563	X	8.7	X	5.4	X	23,667	X
6242	Community food and housing, and emergency and other relief services	X	9,640	8,369	8,212	8,062	9,589	X	15.2	X	0.5	X	8,062	X
6243	Vocational rehabilitation services	X	3,583	3,587	3,537	3,393	3,502	X	-0.1	X	2.3	X	3,393	X
6244	Child day care services	X	10,834	9,542	10,123	10,241	10,235	X	13.5	X	5.9	X	10,241	X
	Child day care services - taxable	X	7,137	6,501	6,922	S	S	X	9.8	X	S	X	S	X
	Child day care services - tax-exempt	X	3,697	3,041	3,201	3,354	3,592	X	21.6	X	2.9	X	3,354	X
71	Arts, entertainment, and recreation	61,733	69,277	72,783	67,624	59,994	66,826	-10.9	-4.8	2.9	3.7	61,733	59,994	2.9
	Arts, entertainment, and recreation - taxable	X	57,443	61,027	55,084	49,375	55,359	X	-5.9	X	3.8	X	49,375	X
	Arts, entertainment, and recreation - tax-exempt	X	11,834	11,756	12,540	10,619	11,467	X	0.7	X	3.2	X	10,619	X
711	Performing arts, spectator sports, and related industries	24,896	33,308	32,784	28,648	25,261	32,321	-25.3	1.6	-1.4	3.1	24,896	25,261	-1.4
	Performing arts, spectator sports, and related industries - taxable	X	30,044	29,607	25,445	22,328	29,070	X	1.5	X	3.4	X	22,328	X
	Performing arts, spectator sports, and related industries - tax-exempt	X	3,264	3,177	3,203	2,933	3,251	X	2.7	X	0.4	X	2,933	X
7111	Performing arts companies	X	4,379	4,330	4,140	3,972	4,205	X	1.1	X	4.1	X	3,972	X
	Performing arts companies - taxable	X	2,430	2,609	2,403	2,383	2,407	X	-6.9	X	1.0	X	2,383	X
	Performing arts companies - tax-exempt	X	1,949	1,721	1,737	1,589	1,798	X	13.2	X	8.4	X	1,589	X
7112	Spectator sports	X	13,359	12,461	10,889	9,050	13,392	X	7.2	X	-0.2	X	9,050	X

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2018 (a)	4Q 2017 (r)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	4Q 2017 from 3Q 2017 (r)	1Q 2018 from 1Q 2017 (a)	4Q 2017 from 4Q 2016 (r)	2018 (a)	2017	2018 from 2017 (a)
7113	Promoters of performing arts, sports, and similar events	X	8,310	8,868	7,389	5,972	7,206	X	-6.3	X	15.3	X	5,972	X
	Promoters of performing arts, sports, and similar events - taxable	X	6,995	7,412	5,923	4,628	5,753	X	-5.6	X	21.6	X	4,628	X
	Promoters of performing arts, sports, and similar events - tax-exempt	X	1,315	1,456	1,466	1,344	1,453	X	-9.7	X	-9.5	X	1,344	X
7114	Agents and managers for artists, athletes, entertainers, and other public figures	X	2,421	2,271	1,986	1,894	2,232	X	6.6	X	8.5	X	1,894	X
7115	Independent artists, writers, and performers	X	4,839	4,854	4,244	4,373	5,286	X	-0.3	X	-8.5	X	4,373	X
712	Museums, historical sites, and similar institutions	3,105	4,245	3,954	4,106	3,427	4,202	-26.9	7.4	-9.4	1.0	3,105	3,427	-9.4
	Museums, historical sites, and similar institutions - tax-exempt	X	3,864	3,485	3,714	3,163	3,796	X	10.9	X	1.8	X	3,163	X
713	Amusement, gambling, and recreation industries	33,732	31,724	36,045	34,870	31,306	30,303	6.3	-12.0	7.7	4.7	33,732	31,306	7.7
	Amusement, gambling, and recreation industries - taxable	X	27,018	30,951	29,247	26,783	25,883	X	-12.7	X	4.4	X	26,783	X
	Amusement, gambling, and recreation industries - tax-exempt	X	4,706	5,094	5,623	4,523	4,420	X	-7.6	X	6.5	X	4,523	X
7131	Amusement parks and arcades	X	5,054	6,977	5,881	3,925	4,483	X	-27.6	X	12.7	X	3,925	X
7132	Gambling industries	X	7,579	7,910	7,909	7,928	7,159	X	-4.2	X	5.9	X	7,928	X
7139	Other amusement and recreation industries	X	19,091	21,158	21,080	19,453	18,661	X	-9.8	X	2.3	X	19,453	X
	Other amusement and recreation industries - taxable	X	14,385	16,064	15,457	14,930	14,241	X	-10.5	X	1.0	X	14,930	X
	Other amusement and recreation industries - tax-exempt ..	X	4,706	5,094	5,623	4,523	4,420	X	-7.6	X	6.5	X	4,523	X
721	Accommodation	58,659	59,671	67,744	67,517	60,412	59,277	-1.7	-11.9	-2.9	0.7	58,659	60,412	-2.9
7211	Traveler accommodation	X	58,241	65,189	65,476	58,862	57,991	X	-10.7	X	0.4	X	58,862	X
7212	RV (recreational vehicle) parks and recreational camps	X	1,059	2,179	1,770	1,212	943	X	-51.4	X	12.3	X	1,212	X
7213	Rooming and boarding houses	X	371	376	271	338	343	X	-1.3	X	8.2	X	338	X
81	Other services (except public administration) ¹³	136,698	158,746	142,548	141,142	133,369	144,054	-13.9	11.4	2.5	10.2	136,698	133,369	2.5
811	Repair and maintenance	45,406	44,934	43,719	44,324	42,540	41,900	1.1	2.8	6.7	7.2	45,406	42,540	6.7
8111	Automotive repair and maintenance	X	28,733	28,197	28,560	27,520	27,323	X	1.9	X	5.2	X	27,520	X
8112	Electronic and precision equipment repair and maintenance	X	4,429	4,268	4,384	4,494	4,431	X	3.8	X	Z	X	4,494	X
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	X	9,706	9,203	9,266	8,849	8,344	X	5.5	X	16.3	X	8,849	X
8114	Personal and household goods repair and maintenance	X	2,066	2,051	2,114	1,677	1,802	X	0.7	X	14.7	X	1,677	X
812	Personal and laundry services	27,473	28,100	27,153	27,963	26,747	27,207	-2.2	3.5	2.7	3.3	27,473	26,747	2.7
8121	Personal care services	X	S	S	S	9,453	9,257	X	S	X	S	X	9,453	X
8122	Death care services	X	4,705	4,520	4,811	5,042	4,872	X	4.1	X	-3.4	X	5,042	X
8123	Drycleaning and laundry services	X	7,243	7,022	6,925	6,632	6,706	X	3.1	X	8.0	X	6,632	X
8129	Other personal services	X	S	S	S	5,620	6,372	X	S	X	S	X	5,620	X
813	Religious, grantmaking, civic, professional, and similar organizations - tax-exempt ¹⁴	X	85,712	71,676	68,855	64,082	74,947	X	19.6	X	14.4	X	64,082	X

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Estimate does not meet standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see www.census.gov/quality/guidelines/index.html.

X Estimate is not available for advance release.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table A5 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		1Q 2018 (a)	4Q 2017 (r)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	4Q 2017 from 3Q 2017 (r)	1Q 2018 from 1Q 2017 (a)	4Q 2017 from 4Q 2016 (r)	2018 (a)	2017	2018 from 2017 (a)
	Selected Services Total	0.9	0.8	0.8	0.8	1.4	1.4	0.2	0.2	0.3	1.9	0.9	1.4	0.3
22	Utilities	1.6	2.2	3.1	2.1	4.1	4.2	1.0	1.4	0.4	4.0	1.6	4.1	0.4
2211	Electric power generation, transmission and distribution	X	3.2	3.5	2.5	5.0	4.9	X	1.5	X	5.1	X	5.0	X
2212	Natural gas distribution	X	4.5	5.3	5.7	2.9	3.0	X	5.5	X	5.9	X	2.9	X
2213	Water, sewage and other systems	X	4.6	5.3	5.1	7.9	7.3	X	2.5	X	10.0	X	7.9	X
48-49	Transportation and warehousing	2.0	1.6	1.9	2.2	2.5	2.6	0.6	0.6	0.4	3.7	2.0	2.5	0.4
481	Air transportation	1.9	1.7	1.5	1.5	2.9	3.8	0.5	1.6	1.7	4.0	1.9	2.9	1.7
483	Water transportation	8.8	7.8	7.9	7.7	2.8	3.2	1.0	0.4	1.3	12.1	8.8	2.8	1.3
4831	Deep sea, coastal, and Great Lakes water transportation	X	9.5	9.1	9.2	3.6	4.1	X	0.4	X	14.9	X	3.6	X
4832	Inland water transportation	X	3.7	4.6	3.7	3.9	4.6	X	2.3	X	5.0	X	3.9	X
484	Truck transportation	5.5	4.1	5.3	6.1	6.9	7.6	1.5	1.3	1.2	9.4	5.5	6.9	1.2
4841	General freight trucking	X	6.4	8.4	9.6	10.8	11.5	X	1.9	X	15.6	X	10.8	X
48412	General freight trucking, long-distance	X	3.9	4.1	4.0	11.6	12.3	X	1.8	X	14.1	X	11.6	X
4842	Specialized freight trucking	X	2.3	1.9	1.8	4.8	4.5	X	1.4	X	6.7	X	4.8	X
485	Transit and ground passenger transportation	3.2	2.5	3.4	3.7	6.5	6.2	1.2	1.4	1.5	4.9	3.2	6.5	1.5
486	Pipeline transportation	X	1.4	1.2	1.4	1.9	1.9	X	0.4	X	2.9	X	1.9	X
487	Scenic and sightseeing transportation	X	4.4	7.1	5.9	10.6	11.9	X	1.9	X	24.6	X	10.6	X
488	Support activities for transportation	4.0	3.6	3.3	4.0	6.4	6.5	0.8	1.1	2.0	9.4	4.0	6.4	2.0
492	Couriers and messengers	3.1	3.5	4.8	3.8	1.7	1.6	1.0	1.4	2.3	5.6	3.1	1.7	2.3
493	Warehousing and storage	6.4	5.7	5.6	5.3	6.3	6.8	1.3	1.9	1.6	10.5	6.4	6.3	1.6
51	Information	1.4	1.5	1.6	1.4	1.3	1.3	0.4	0.3	0.5	1.7	1.4	1.3	0.5
511	Publishing industries (except Internet)	2.7	2.9	2.3	2.3	5.5	5.3	0.4	1.1	1.3	5.5	2.7	5.5	1.3
51111	Newspaper publishers	X	4.3	4.5	4.6	4.1	4.4	X	0.9	X	5.5	X	4.1	X
51112	Periodical publishers	X	5.0	5.3	5.3	4.7	5.8	X	1.6	X	7.7	X	4.7	X
5111 pt	Book, directory and mailing list, and other publishers	X	4.1	3.2	3.2	4.5	4.2	X	3.0	X	4.6	X	4.5	X
5112	Software publishers	3.2	3.6	2.8	2.8	7.2	6.9	0.7	1.4	1.6	7.2	3.2	7.2	1.6
512	Motion picture and sound recording industries	1.3	0.8	1.1	1.2	3.4	4.0	1.1	0.8	0.8	3.4	1.3	3.4	0.8
515	Broadcasting (except Internet)	X	1.0	0.9	1.0	1.7	1.9	X	0.5	X	2.5	X	1.7	X
5151	Radio and television broadcasting	X	1.9	2.0	1.8	2.7	2.9	X	1.1	X	3.7	X	2.7	X
5152	Cable and other subscription programming	X	1.4	1.4	1.4	1.2	1.3	X	0.1	X	2.1	X	1.2	X
517	Telecommunications	1.4	1.4	1.6	1.5	1.7	1.7	0.1	0.8	0.7	1.3	1.4	1.7	0.7
5171	Wired telecommunications carriers	2.1	2.1	1.9	1.7	3.4	3.2	0.2	0.3	0.7	2.8	2.1	3.4	0.7
5172	Wireless telecommunications carriers (except satellite)	2.4	1.9	1.8	1.8	2.4	2.6	0.6	1.6	2.1	3.5	2.4	2.4	2.1
517 pt	Other telecommunications	X	3.9	4.7	4.3	3.3	3.5	X	0.9	X	6.9	X	3.3	X
518	Data processing, hosting, and related services	3.2	3.2	3.1	3.5	3.4	3.4	0.8	1.0	1.5	6.8	3.2	3.4	1.5
519	Other information services	4.5	5.2	5.7	5.6	4.5	3.6	1.6	1.2	2.3	7.7	4.5	4.5	2.3
52	Finance and insurance	2.1	1.8	1.9	1.9	4.7	5.3	0.3	0.4	0.4	5.5	2.1	4.7	0.4
52 pt	Finance and insurance (except monetary authorities-central bank)	X	1.9	1.9	1.9	4.8	5.4	X	0.4	X	5.6	X	4.8	X
521	Monetary authorities-central bank	X	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0	X	0.0	X
522	Credit intermediation and related activities	2.0	1.9	1.9	1.9	4.2	4.5	0.3	0.3	0.7	5.5	2.0	4.2	0.7
5221	Depository credit intermediation	X	3.9	3.7	3.6	7.6	7.9	X	0.5	X	9.7	X	7.6	X
5222	Nondepository credit intermediation	X	3.1	3.3	3.3	4.0	4.3	X	0.4	X	6.0	X	4.0	X
5223	Activities related to credit intermediation	X	2.7	2.6	2.3	3.6	3.0	X	0.5	X	4.4	X	3.6	X
523	Securities, commodity contracts, and other financial investments and related activities	X	4.1	4.6	4.5	4.0	4.0	X	0.7	X	5.7	X	4.0	X
5231	Securities and commodity contracts intermediation and brokerage	X	9.1	9.0	9.3	7.1	7.5	X	1.2	X	9.0	X	7.1	X
5232	Securities and commodity exchanges	X	Z	Z	Z	Z	Z	X	Z	X	Z	X	Z	X
5239	Other financial investment activities	X	3.0	3.1	2.8	4.9	4.9	X	0.8	X	7.3	X	4.9	X
524	Insurance carriers and related activities	2.6	2.2	2.2	2.1	7.1	8.0	0.5	0.6	0.7	7.7	2.6	7.1	0.7
5241	Insurance carriers	X	2.7	2.7	2.6	8.2	9.2	X	0.5	X	9.3	X	8.2	X
5242	Agencies, brokerages, and other insurance related activities	X	2.2	2.4	2.4	4.5	3.8	X	1.3	X	5.1	X	4.5	X
53	Real estate and rental and leasing	1.7	1.6	1.7	2.0	4.7	4.8	0.5	0.5	0.9	5.5	1.7	4.7	0.9
531	Real estate	2.8	2.6	2.9	2.9	6.3	6.5	0.7	0.7	1.2	7.2	2.8	6.3	1.2
5311	Lessors of real estate	X	4.0	4.5	4.3	7.8	8.2	X	0.8	X	9.0	X	7.8	X
5312	Offices of real estate agents and brokers	X	4.3	3.2	3.6	11.6	10.7	X	1.8	X	13.5	X	11.6	X
5313	Activities related to real estate	X	2.5	2.2	2.1	7.4	6.1	X	1.5	X	5.2	X	7.4	X
532	Rental and leasing services	2.7	3.0	3.0	3.5	4.4	4.6	0.8	0.5	1.3	6.4	2.7	4.4	1.3
5321	Automotive equipment rental and leasing	X	1.7	1.8	2.8	3.3	3.4	X	0.6	X	4.5	X	3.3	X
53211	Passenger car rental and leasing	X	3.3	3.6	5.1	3.4	3.3	X	0.4	X	5.3	X	3.4	X
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	X	4.2	3.6	4.0	5.2	5.6	X	1.2	X	9.7	X	5.2	X
5322	Consumer goods rental	X	8.2	7.0	6.7	8.9	10.3	X	2.0	X	12.0	X	8.9	X
5323	General rental centers	X	S	S	S	S	S	X	S	X	S	X	S	X
5324	Commercial and industrial machinery and equipment rental and leasing	X	7.6	7.8	7.9	6.1	6.4	X	1.0	X	11.7	X	6.1	X
533	Lessors of nonfinancial intangible assets (except copyrighted works)	X	4.5	6.6	5.0	6.6	5.7	X	2.2	X	8.2	X	6.6	X
54	Professional, scientific, and technical services	1.8	1.9	1.8	1.7	1.6	2.1	0.7	0.6	0.8	3.1	1.8	1.6	0.8
5411	Legal services	3.7	3.9	2.7	2.3	3.1	3.7	2.1	3.1	1.6	5.0	3.7	3.1	1.6
5412	Accounting, tax preparation, bookkeeping, and payroll services	1.2	2.9	2.3	1.9	3.4	4.4	3.0	1.7	1.3	4.3	1.2	3.4	1.3

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		1Q 2018 (a)	4Q 2017 (r)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	4Q 2017 from 3Q 2017 (r)	1Q 2018 from 1Q 2017 (a)	4Q 2017 from 4Q 2016 (r)	2018 (a)	2017	2018 from 2017 (a)
5413	Architectural, engineering, and related services	3.5	3.4	3.6	3.9	4.1	5.5	1.6	1.2	2.1	10.1	3.5	4.1	2.1
5413 pt	Architectural and related services	X	6.3	5.8	6.8	4.7	8.6	X	4.8	X	12.0	X	4.7	X
54133	Engineering services	X	3.5	4.2	3.6	5.2	6.6	X	1.2	X	12.1	X	5.2	X
5414	Specialized design services	X	5.8	5.1	4.1	3.8	4.5	X	5.2	X	7.5	X	3.8	X
5415	Computer systems design and related services	1.1	1.8	2.4	2.4	6.1	5.9	1.1	1.4	1.9	5.7	1.1	6.1	1.9
5416	Management, scientific, and technical consulting services	3.9	4.1	3.4	2.6	5.6	5.4	0.9	1.5	1.7	6.9	3.9	5.6	1.7
5417	Scientific research and development services	X	7.3	8.5	7.4	4.7	7.3	X	1.6	X	11.9	X	4.7	X
5418	Advertising, public relations, and related services	2.2	1.6	1.6	1.9	3.6	3.4	0.9	0.6	1.0	4.3	2.2	3.6	1.0
5419	Other professional, scientific, and technical services	X	4.5	5.0	4.4	8.4	7.7	X	1.9	X	10.6	X	8.4	X
56	Administrative and support and waste management and remediation services	2.3	2.4	2.5	2.3	1.3	1.3	0.4	0.7	1.0	3.5	2.3	1.3	1.0
561	Administrative and support services	2.5	2.6	2.7	2.4	1.8	1.9	0.4	0.6	1.0	4.3	2.5	1.8	1.0
5613	Employment services	X	4.3	4.8	4.5	5.0	4.5	X	0.7	X	6.7	X	5.0	X
5615	Travel arrangement and reservation services	X	4.0	4.2	3.5	7.6	7.3	X	1.8	X	11.0	X	7.6	X
561 pt	Other administrative and support services	X	2.9	2.9	2.2	3.9	3.7	X	0.9	X	6.1	X	3.9	X
562	Waste management and remediation services	2.0	2.3	3.4	2.9	3.7	4.0	0.9	1.2	1.4	5.2	2.0	3.7	1.4
61	Educational services	4.2	2.8	3.0	1.9	5.7	5.2	2.2	1.9	2.4	5.8	4.2	5.7	2.4
6114	Business schools and computer and management training	X	7.3	7.1	6.1	18.0	18.0	X	3.6	X	18.7	X	18.0	X
6115	Technical and trade schools	X	6.3	4.4	5.4	12.2	11.7	X	2.5	X	12.5	X	12.2	X
6116	Other schools and instruction	X	7.7	7.1	S	S	5.8	X	4.3	X	12.3	X	S	X
6117	Educational support services	X	4.7	6.0	2.8	4.3	4.2	X	3.0	X	5.8	X	4.3	X
62	Health care and social assistance	1.5	1.3	1.3	1.4	2.2	1.9	0.2	0.3	0.6	1.5	1.5	2.2	0.6
	Health care and social assistance - taxable	1.8	1.6	1.7	1.6	2.6	2.5	0.3	0.4	0.9	2.7	1.8	2.6	0.9
	Health care and social assistance - tax-exempt	1.9	1.7	1.8	1.8	2.9	2.9	0.3	0.2	0.3	2.2	1.9	2.9	0.3
621	Ambulatory health care services	1.5	1.3	1.3	1.2	2.1	2.0	0.2	0.4	1.0	2.2	1.5	2.1	1.0
	Ambulatory health care services - taxable	1.6	1.4	1.4	1.5	2.6	2.4	0.3	0.5	1.0	2.7	1.6	2.6	1.0
	Ambulatory health care services - tax-exempt	5.2	5.4	4.5	4.3	4.1	4.5	0.5	1.0	1.3	8.3	5.2	4.1	1.3
6211	Offices of physicians	2.6	2.4	2.4	2.7	5.8	5.4	0.5	0.7	1.4	5.7	2.6	5.8	1.4
6212	Offices of dentists	X	4.2	4.0	3.1	S	S	X	1.7	X	S	X	S	X
6213	Offices of other health practitioners	X	4.4	3.9	S	5.2	4.6	X	1.9	X	8.2	X	5.2	X
6214	Outpatient care centers	3.0	3.4	2.9	2.6	3.6	4.2	0.8	0.6	1.0	6.1	3.0	3.6	1.0
	Outpatient care centers - taxable	X	2.7	3.0	2.5	2.6	2.8	X	0.7	X	4.0	X	2.6	X
	Outpatient care centers - tax-exempt	X	7.3	6.2	5.8	6.4	7.0	X	1.1	X	10.8	X	6.4	X
6215	Medical and diagnostic laboratories	3.9	3.6	3.2	3.2	4.1	4.1	1.1	0.9	2.2	6.9	3.9	4.1	2.2
6216	Home health care services	X	6.6	6.1	5.9	3.9	3.6	X	1.1	X	5.9	X	3.9	X
	Home health care services - taxable	X	9.4	8.4	8.4	4.1	3.9	X	1.5	X	9.7	X	4.1	X
	Home health care services - tax-exempt	X	5.6	5.7	6.1	3.9	3.7	X	1.9	X	5.4	X	3.9	X
6219	Other ambulatory health care services	4.1	4.0	3.5	3.6	5.4	5.7	1.1	1.0	1.2	6.0	4.1	5.4	1.2
	Other ambulatory health care services - taxable	X	4.8	3.7	4.3	7.7	8.0	X	1.6	X	9.2	X	7.7	X
	Other ambulatory health care services - tax-exempt	X	4.4	4.6	4.6	7.4	7.0	X	1.5	X	7.8	X	7.4	X
622	Hospitals	2.7	2.4	2.5	2.5	3.8	3.7	0.4	0.3	0.3	2.6	2.7	3.8	0.3
	Hospitals - taxable	9.4	9.3	9.9	9.1	10.4	10.6	0.1	0.6	0.4	14.1	9.4	10.4	0.4
	Hospitals - tax-exempt	2.4	2.2	2.2	2.3	3.7	4.0	0.4	0.4	0.4	3.2	2.4	3.7	0.4
6221	General medical and surgical hospitals	X	2.3	2.4	2.5	4.0	4.0	X	0.3	X	2.9	X	4.0	X
	General medical and surgical hospitals - taxable	X	10.2	10.8	10.2	13.2	13.5	X	0.7	X	16.1	X	13.2	X
	General medical and surgical hospitals - tax-exempt	X	2.2	2.3	2.3	4.1	4.4	X	0.4	X	3.6	X	4.1	X
6222	Psychiatric and substance abuse hospitals	X	4.9	5.2	5.8	8.2	9.3	X	1.1	X	6.3	X	8.2	X
	Psychiatric and substance abuse hospitals - taxable	X	7.5	7.4	7.3	5.5	5.5	X	0.2	X	8.6	X	5.5	X
	Psychiatric and substance abuse hospitals - tax-exempt	X	5.6	6.2	6.9	10.0	11.3	X	1.9	X	8.7	X	10.0	X
6223	Specialty (except psychiatric and substance abuse) hospitals	X	7.5	7.6	7.1	7.3	7.1	X	0.6	X	13.0	X	7.3	X
	Specialty (except psychiatric and substance abuse) hospitals - taxable	X	13.2	14.1	11.9	13.5	13.2	X	1.2	X	21.3	X	13.5	X
	Specialty (except psychiatric and substance abuse) hospitals - tax-exempt	X	4.4	4.0	4.6	5.4	5.4	X	0.5	X	8.0	X	5.4	X
623	Nursing and residential care facilities	2.0	1.8	2.0	2.4	4.5	4.6	0.5	0.8	1.1	4.6	2.0	4.5	1.1
	Nursing and residential care facilities - taxable	1.7	1.6	1.5	2.2	6.0	6.3	0.9	0.8	1.6	6.7	1.7	6.0	1.6
	Nursing and residential care facilities - tax-exempt	3.5	3.8	4.1	4.8	2.6	2.6	0.8	0.9	1.6	3.0	3.5	2.6	1.6
624	Social assistance	2.5	2.2	2.6	2.1	3.3	3.0	1.1	1.3	1.7	4.4	2.5	3.3	1.7
	Social assistance - taxable	X	3.8	4.0	3.4	10.9	9.7	X	1.8	X	14.0	X	10.9	X
	Social assistance - tax-exempt	X	3.2	3.0	3.0	5.7	5.0	X	1.5	X	4.7	X	5.7	X
6241	Individual and family services	X	3.7	3.7	3.7	3.5	3.1	X	2.0	X	4.5	X	3.5	X
6242	Community food and housing, and emergency and other relief services	X	6.2	6.1	6.3	4.4	4.2	X	2.3	X	8.2	X	4.4	X
6243	Vocational rehabilitation services	X	11.3	10.9	9.3	8.0	9.4	X	1.7	X	15.8	X	8.0	X
6244	Child day care services	X	4.9	5.7	4.2	6.4	6.8	X	4.2	X	14.8	X	6.4	X
	Child day care services - taxable	X	6.2	7.3	6.7	S	S	X	4.6	X	S	X	S	X
	Child day care services - tax-exempt	X	10.8	12.1	11.5	11.5	13.5	X	6.4	X	16.3	X	11.5	X
71	Arts, entertainment, and recreation	2.9	2.6	2.3	2.4	3.0	3.6	1.2	1.5	2.2	3.9	2.9	3.0	2.2
	Arts, entertainment, and recreation - taxable	X	3.0	2.7	3.0	3.5	4.0	X	1.8	X	4.9	X	3.5	X
	Arts, entertainment, and recreation - tax-exempt	X	5.2	3.9	4.8	4.5	3.8	X	1.7	X	8.5	X	4.5	X

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		1Q 2018 (a)	4Q 2017 (r)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	1Q 2018 from 4Q 2017 (a)	4Q 2017 from 3Q 2017 (r)	1Q 2018 from 1Q 2017 (a)	4Q 2017 from 4Q 2016 (r)	2018 (a)	2017	2018 from 2017 (a)
711	Performing arts, spectator sports, and related industries	4.5	2.3	1.3	3.0	3.7	3.8	2.5	2.6	2.2	5.6	4.5	3.7	2.2
	Performing arts, spectator sports, and related industries - taxable	X	2.5	1.6	3.3	4.4	4.3	X	3.0	X	6.3	X	4.4	X
	Performing arts, spectator sports, and related industries - tax-exempt	X	4.9	5.7	5.3	3.7	2.9	X	5.2	X	8.3	X	3.7	X
7111	Performing arts companies	X	4.3	5.5	4.6	6.3	7.0	X	6.7	X	11.6	X	6.3	X
	Performing arts companies - taxable	X	6.5	7.0	5.2	10.8	10.7	X	7.5	X	18.8	X	10.8	X
	Performing arts companies - tax-exempt	X	6.0	6.7	6.6	6.0	5.3	X	6.4	X	12.8	X	6.0	X
7112	Spectator sports	X	3.2	3.2	3.3	11.9	8.6	X	3.1	X	10.1	X	11.9	X
7113	Promoters of performing arts, sports, and similar events	X	5.5	5.1	6.2	7.9	2.2	X	4.8	X	6.6	X	7.9	X
	Promoters of performing arts, sports, and similar events - taxable	X	6.1	5.7	6.9	10.4	2.7	X	6.7	X	8.0	X	10.4	X
	Promoters of performing arts, sports, and similar events - tax-exempt	X	8.5	11.8	6.0	3.7	5.4	X	6.6	X	6.7	X	3.7	X
7114	Agents and managers for artists, athletes, entertainers, and other public figures	X	5.6	3.6	4.9	11.2	11.3	X	2.8	X	23.1	X	11.2	X
7115	Independent artists, writers, and performers	X	7.7	9.4	8.7	16.0	12.9	X	7.0	X	23.9	X	16.0	X
712	Museums, historical sites, and similar institutions	6.7	8.6	9.0	9.0	6.3	5.4	3.0	2.6	5.3	9.9	6.7	6.3	5.3
	Museums, historical sites, and similar institutions - tax-exempt ..	X	9.5	10.2	9.8	6.9	6.0	X	3.1	X	10.9	X	6.9	X
713	Amusement, gambling, and recreation industries	5.5	5.1	4.3	4.3	5.7	5.3	0.7	1.2	2.8	7.1	5.5	5.7	2.8
	Amusement, gambling, and recreation industries - taxable	X	5.9	5.1	5.4	6.1	5.8	X	1.4	X	8.9	X	6.1	X
	Amusement, gambling, and recreation industries - tax-exempt ..	X	7.4	5.3	5.8	9.8	8.1	X	2.5	X	16.3	X	9.8	X
7131	Amusement parks and arcades	X	2.8	5.9	6.2	5.9	4.5	X	2.9	X	6.4	X	5.9	X
7132	Gambling industries	X	14.7	13.8	13.6	11.3	10.8	X	1.2	X	22.1	X	11.3	X
7139	Other amusement and recreation industries	X	3.7	2.2	1.8	6.3	6.4	X	2.0	X	8.4	X	6.3	X
	Other amusement and recreation industries - taxable	X	3.5	2.1	1.7	6.5	7.0	X	2.5	X	9.1	X	6.5	X
	Other amusement and recreation industries - tax-exempt	X	7.4	5.3	5.8	9.8	8.1	X	2.5	X	16.3	X	9.8	X
721	Accommodation	1.2	1.4	1.4	1.6	2.9	3.5	0.5	0.6	1.2	4.3	1.2	2.9	1.2
7211	Traveler accommodation	X	1.5	1.4	1.7	2.9	3.5	X	0.6	X	4.2	X	2.9	X
7212	RV (recreational vehicle) parks and recreational camps	X	5.4	5.3	5.4	6.9	7.5	X	2.7	X	15.2	X	6.9	X
7213	Rooming and boarding houses	X	7.5	3.4	9.2	7.3	11.9	X	5.2	X	18.9	X	7.3	X
81	Other services (except public administration)	3.9	2.6	1.8	2.4	2.3	2.4	2.4	3.1	2.4	5.2	3.9	2.3	2.4
811	Repair and maintenance	4.1	4.1	4.8	3.6	5.0	4.4	0.6	1.0	1.7	8.1	4.1	5.0	1.7
8111	Automotive repair and maintenance	X	7.2	7.7	6.8	7.8	7.9	X	1.2	X	11.4	X	7.8	X
8112	Electronic and precision equipment repair and maintenance	X	3.8	4.7	5.3	21.3	21.6	X	3.1	X	13.5	X	21.3	X
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	X	10.2	10.0	8.9	9.5	9.7	X	1.6	X	37.8	X	9.5	X
8114	Personal and household goods repair and maintenance	X	9.2	7.8	8.8	16.8	14.8	X	3.8	X	26.0	X	16.8	X
812	Personal and laundry services	2.4	2.7	2.9	3.0	4.2	4.1	1.1	1.0	1.6	3.3	2.4	4.2	1.6
8121	Personal care services	X	S	S	S	8.9	9.4	X	S	X	S	X	8.9	X
8122	Death care services	X	4.9	4.0	4.6	8.8	8.0	X	4.2	X	8.6	X	8.8	X
8123	Drycleaning and laundry services	X	5.1	4.6	4.6	10.4	10.2	X	1.9	X	12.0	X	10.4	X
8129	Other personal services	X	S	S	S	8.1	8.0	X	S	X	S	X	8.1	X
813	Religious, grantmaking, civic, professional, and similar organizations - tax-exempt	X	4.4	2.1	4.5	3.2	2.8	X	6.1	X	7.3	X	3.2	X

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.
S Corresponding estimate in Table A4 does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.
X Estimate in Table A4 is not available for advance release.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Standard errors for percent changes that include estimates prior to Q1 2017 may be larger than those previously published because the estimated totals used to produce the percent changes are derived from different samples. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at www.census.gov/services/qss/cv/html.

EXPLANATORY NOTES

Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2012 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	32
22	Utilities	11
48-49	Transportation and warehousing	29
51	Information	25
52	Finance and insurance	19
53	Real estate and rental and leasing	43
54	Professional, scientific, and technical services	45
56	Administrative and support and waste management and remediation services	45
61	Educational services	44
62	Health care and social assistance	42
71	Arts, entertainment, and recreation	41
721	Accommodation	39
81	Other services (except public administration)	46

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at www.census.gov/services/.

Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy

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of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Tables A2 and A5 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the “margin of error.” The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is ± 1.5 percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at www.census.gov/services/qss/how_the_data_are_collected.

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